

Activity:

Comparing Electromagnetic Waves

Arrange the given electromagnetic waves in order from lowest to highest frequency

**Micro
waves**

**Gamma
Rays**

**Radio
Waves**

**Visible
Light**



compare two electromagnetic waves in terms of their wavelength, frequency, and energy, and identify their positions within the electromagnetic spectrum.

**Infrared
Radiation**

**Ultraviolet
Radiation**

- Which wave has a longer wavelength?
- Which wave has a higher frequency?
- Which wave carries more energy?

